



a plurality of medical care provider terminal means connected to the second network for communication of information in a bi-directional manner between each patient's medical care provider and an associated patient-worn monitoring unit over said second and first networks and for remotely accessing associated patient information from said data archiving and distribution means over the Internet.

12. (Amended) A method for remotely monitoring patient variables, comprising:
 - attaching at least one patient-worn sensor to a patient;
 - providing a patient-worn monitoring unit connected to the sensor, wherein said patient-worn monitoring unit acquires information from the at least one sensor, analyzes the information and transmits information over a first wireless network;
 - said patient-worn monitoring unit sending and receiving information over the Internet via said first wireless network;
 - an Internet-connected server archiving and distributing information from a plurality of patient-worn monitoring units;
 - connecting a second network to the Internet and said first wireless network;
 - connecting a plurality of medical care provider terminals to the second network;
 - communicating with said terminals in a bi-directional manner between each patient's medical care provider and the patient's patient-worn monitoring unit over said second and first networks; and
 - said medical care providers remotely accessing archived information over the Internet via said terminals.

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